

REMARKS

Claims 1-110 were filed with the present application and were subject to a restriction requirement in an Office action mailed on 28 November 2005. The invention of Group I, claims 1-28 and 51-80 was elected, and claims 29-50 and 81-110 are now withdrawn. Claims 13, 16, 63 and 66 were cancelled in a response dated 9 June 2006. Claims 6, 7, 56, and 57 are cancelled, and new claims 110-128 are added herewith. Support for the new claims may be found in original claims 81-110; no new matter has been added. Entry of the new claims is respectfully requested. Claims 1-5, 8-12, 14, 15, 17-55, 58-62, 64-65, 67-80 and 110-128, after entry of the new claims, are under consideration.

Rejections under 35 USC §112

Claims 16 and 67 are rejected under 35 USC §112, second paragraph, as being indefinite, because both are dependent from cancelled claims. Claims 16 and 67 are now amended to depend from claim 1 and claim 51, respectively, and to delete the term “substantially continuous.” It is believed that the rejection is hereby overcome.

Rejections under 35 USC §102

Claims 1-8, 14, 16-18, 20-22, 24-25, 27-28, 51-58, 64-65, 71-76 and 78-80 are rejected under 35 U.S.C. 102(b) as being anticipated by Hosokawa *et al.* (US 6,284,393).

Hosokawa describes organic EL devices containing an “island-like” discontinuous aluminum-lithium alloy film as an electron injection electrode layer (Example 4, col. 21, lines 41-47). Contrary to the characterization in the Office action (page 4, first paragraph), Hosokawa does not disclose any device that contains one of the claimed metals disposed in plurality of domains. Embodiments having an island-like electron injection zone are described in col 9, line 64 – col. 10, line 60; low-work function metals suitable for the electron injection zone are listed in col. 8, lines 17-36, and include Mg, Ca, Ba, Sr, Li, Yb, Eu, Y, Sc, and aluminium-lithium alloys, magnesium-aluminium alloys, indium-lithium alloys, lead-lithium alloys, bismuth-lithium alloys, tin-lithium alloys, aluminium-calcium alloys, aluminum-barium alloys, and aluminum-scandium alloys. Accordingly, Applicants submit that claims 1-5, 8-12,

14, 15, 17-55, 58-62, 64-65, 67-80 are not anticipated by Hosokawa. It is believed that the rejection is hereby overcome.

New claims 111-128 relate to electro-active devices that include a "metal-containing reaction product derived from decomposition of at least one organometallic complex at a temperature of less than about 200°C." Applicants believe that such claims are patentable over Hosokawa, as the reference is completely silent regarding organometallic complexes and their reaction products.

In view of the foregoing amendment and for the reasons set out above, Applicants respectfully submit that the application is in condition for allowance. Favorable reconsideration and prompt allowance of the application are respectfully requested.

Should the Examiner believe that anything further is needed to place the application in condition for allowance, the Examiner is requested to contact Applicants' undersigned representative at the telephone number below.

Respectfully submitted,

/Mary Louise Gioeni/
Mary Louise Gioeni
Registration No. 41,779

General Electric Company
Global Research Center
1 Research Circle
Niskayuna, New York 12309
(518) 387-6648

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